



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/926,201A
Source: FW/6
Date Processed by STIC: 3/1/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER:

09/926,201A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 **Wrapped Nucleics**
 Wrapped Aminos The number/next at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 **Invalid Line Length** The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
- 3 **Misaligned Amino**
 Numbering The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
- 4 **Non-ASCII** The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. Please **ensure your subsequent submission is saved in ASCII text**.
- 5 **Variable Length** Sequence(s) contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 **PatentIn 2.0**
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
- 7 **Skipped Sequences**
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) **SEQUENCE CHARACTERISTICS:** (Do not insert any subheadings under this heading)
(xi) **SEQUENCE DESCRIPTION:** SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped
- Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
- 8 **Skipped Sequences**
 (NEW RULES) Sequence(s) missing. If **intentional**, please insert the following lines for **each** skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 **Use of n's or Xaa's**
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 **Invalid <213>**
 Response Per 1.823 of Sequence Rules, the **only valid <213> responses** are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
- 11 **Use of <220>**
 Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 **PatentIn 2.0**
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 **Misuse of n/Xaa** "n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid



IFW16

RAW SEQUENCE LISTING

DATE: 03/01/2004

PATENT APPLICATION: US/09/926,201A

TIME: 07:11:58

Input Set : A:\2923-494.txt

Output Set: N:\CRF4\03012004\I926201A.raw

3 <110> APPLICANT: Gonzalez, Cayetano
 4 Bejarano, Luis
 6 <120> TITLE OF INVENTION: Detection, Cloning and Sequencing of Polypeptides which
 Drive the
 7 Subcellular Localization of Proteins
 9 <130> FILE REFERENCE: 2923-494
 11 <140> CURRENT APPLICATION NUMBER: 09/926,201A
 12 <141> CURRENT FILING DATE: 2001-12-21
 14 <150> PRIOR APPLICATION NUMBER: PCT/EP00/02607
 15 <151> PRIOR FILING DATE: 2000-03-23
 17 <160> NUMBER OF SEQ ID NOS: 11
 19 <170> SOFTWARE: PatentIn version 3.2
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 26
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Artificial Sequence
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: oligonucleotide (Oligo A)
 29 <400> SEQUENCE: 1
 30 catgttggcg gccgcggtac cgtcga 26
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 23
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Artificial Sequence
 38 <220> FEATURE:
 39 <223> OTHER INFORMATION: oligonucleotide (Oligo B)
 41 <400> SEQUENCE: 2 23
 42 gcccgggcgt gagcaagggc gag
 45 <210> SEQ ID NO: 3
 46 <211> LENGTH: 16
 47 <212> TYPE: DNA
 48 <213> ORGANISM: Artificial Sequence
 50 <220> FEATURE:
 51 <223> OTHER INFORMATION: oligonucleotide (Oligo Not 1-1b)
 53 <400> SEQUENCE: 3 16
 54 gatcgcgggcc gcgtac
 57 <210> SEQ ID NO: 4
 58 <211> LENGTH: 8
 59 <212> TYPE: DNA
 60 <213> ORGANISM: Artificial Sequence
 62 <220> FEATURE:
 63 <223> OTHER INFORMATION: oligonucleotide (Oligo Not 1-8)
 65 <400> SEQUENCE: 4 8
 66 gcggccgc

Does Not Comply
 Corrected Diskette Needed
 P.2

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/926,201A

DATE: 03/01/2004

TIME: 07:11:58

Input Set : A:\2923-494.txt

Output Set: N:\CRF4\03012004\I926201A.raw

69 <210> SEQ ID NO: 5
 70 <211> LENGTH: 27
 71 <212> TYPE: DNA
 72 <213> ORGANISM: Artificial Sequence
 74 <220> FEATURE:
 75 <223> OTHER INFORMATION: Fir
 77 <400> SEQUENCE: 5
 78 agcttcgaat tcgcggccgc caacatg
 81 <210> SEQ ID NO: 6
 82 <211> LENGTH: 27
 83 <212> TYPE: DNA
 84 <213> ORGANISM: Artificial Sequence
 86 <220> FEATURE:
 87 <223> OTHER INFORMATION: Sec
 89 <400> SEQUENCE: 6
 90 tatgatctag agtcgaggcc gctttac
 93 <210> SEQ ID NO: 7
 94 <211> LENGTH: 27
 95 <212> TYPE: DNA
 96 <213> ORGANISM: Artificial Sequence
 98 <220> FEATURE:
 99 <223> OTHER INFORMATION: Thi
 101 <400> SEQUENCE: 7
 102 tagcgctacc ggactcagat ctgcgac
 105 <210> SEQ ID NO: 8
 106 <211> LENGTH: 27
 107 <212> TYPE: DNA
 108 <213> ORGANISM: Artificial Sequence
 110 <220> FEATURE:
 111 <223> OTHER INFORMATION: Fou
 113 <400> SEQUENCE: 8
 114 aaaacctcta caaatgtggt atggctg
 117 <210> SEQ ID NO: 9
 118 <211> LENGTH: 20
 119 <212> TYPE: PRT
 120 <213> ORGANISM: Artificial Sequence
 122 <220> FEATURE:
 123 <223> OTHER INFORMATION: predicted trans-membrane motif
 125 <400> SEQUENCE: 9
 127 Pro Met Ser Ile Phe Gln Leu Ile Tyr Phe Leu Leu Phe Leu Phe Leu
 128 1 5 10 15
 131 Gly Val Ile Cys
 132 20
 135 <210> SEQ ID NO: 10
 136 <211> LENGTH: 18
 137 <212> TYPE: PRT
 138 <213> ORGANISM: Artificial Sequence
 140 <220> FEATURE:
 141 <223> OTHER INFORMATION: nuclear localisation signal

give source of genetic material
 (see item 11 on Enr
 summary
 sheet)

same enr

27

27

27

27

RAW SEQUENCE LISTING

DATE: 03/01/2004

PATENT APPLICATION: US/09/926,201A

TIME: 07:11:58

Input Set : A:\2923-494.txt

Output Set: N:\CRF4\03012004\I926201A.raw

143 <400> SEQUENCE: 10
145 Lys Arg Lys Tyr Ser Ala Ala Lys Thr Lys Val Glu Lys Lys Lys Lys
146 1 5 10 15
149 Lys Glu
153 <210> SEQ ID NO: 11
154 <211> LENGTH: 21
155 <212> TYPE: PRT
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: predicted trans-membrane motif
161 <400> SEQUENCE: 11
163 Pro Met Ser Ile Phe Ile Gln Leu Ile Tyr Phe Leu Leu Phe Leu Phe
164 1 5 10 15
167 Leu Gly Val Ile Cys
168 20

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/926,201A

DATE: 03/01/2004

TIME: 07:11:59

Input Set : A:\2923-494.txt

Output Set: N:\CRF4\03012004\I926201A.raw